

FIG. 1

FIG. 1

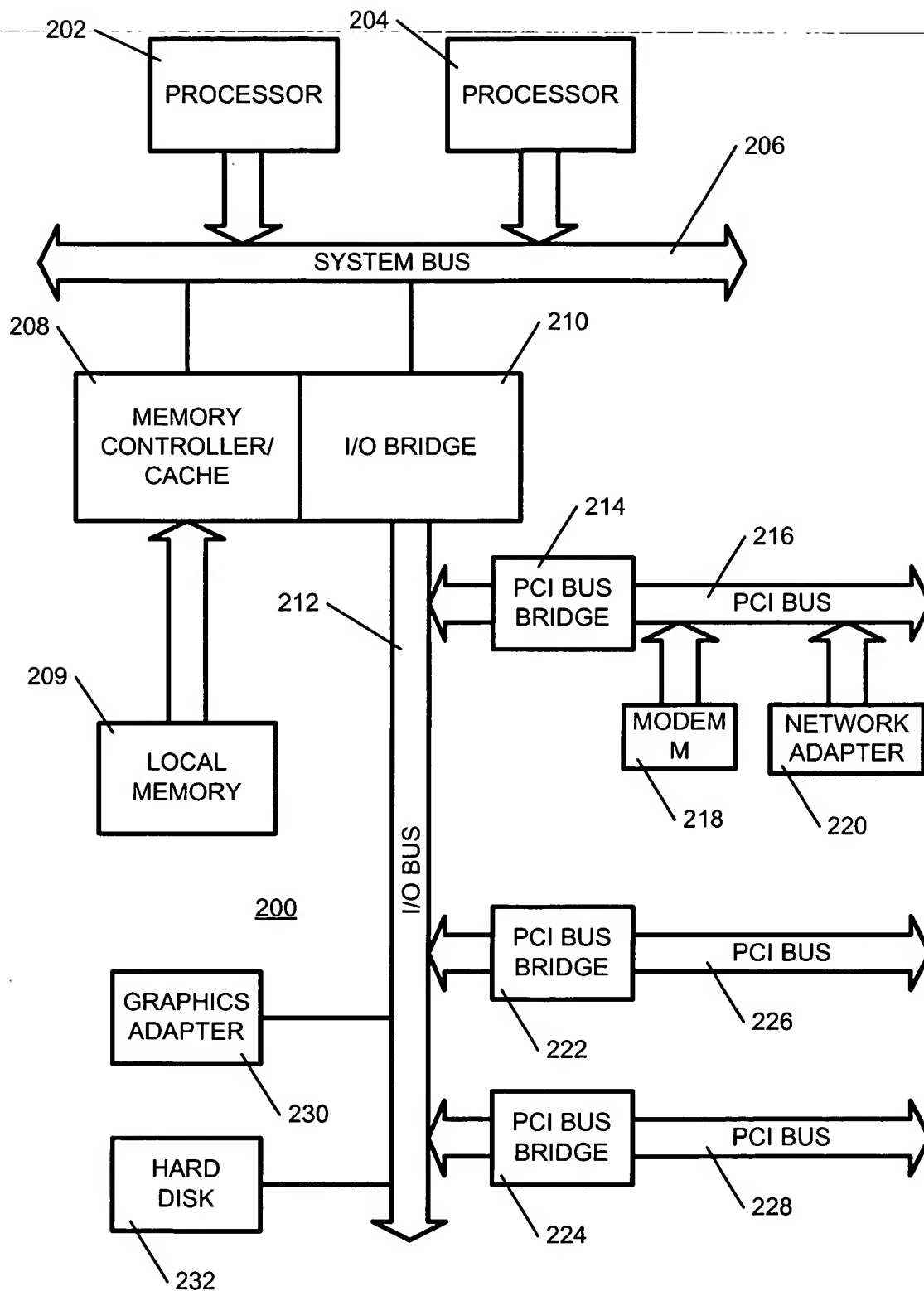


FIG. 2

1006674-10001

FIG. 3

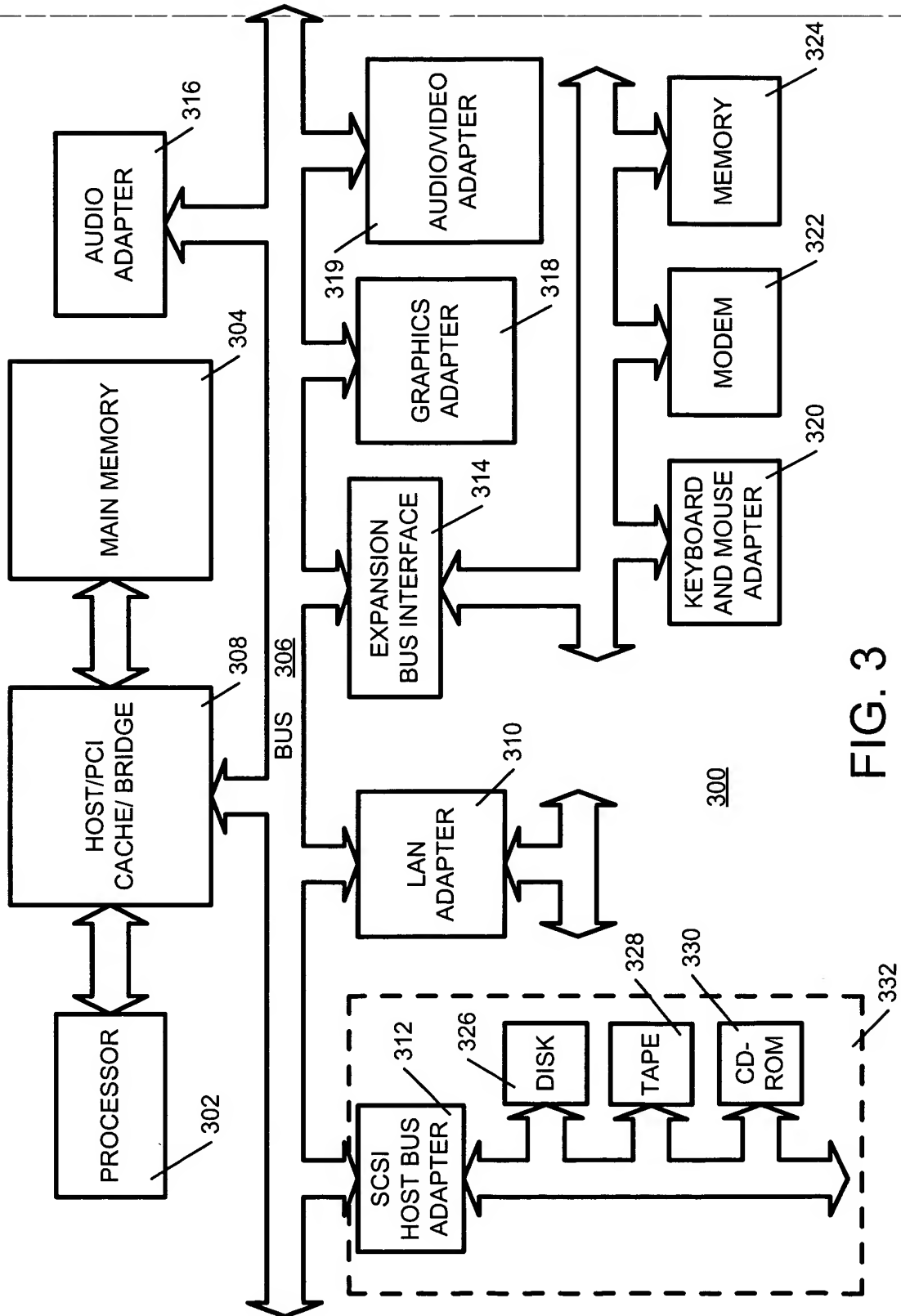


FIG. 3

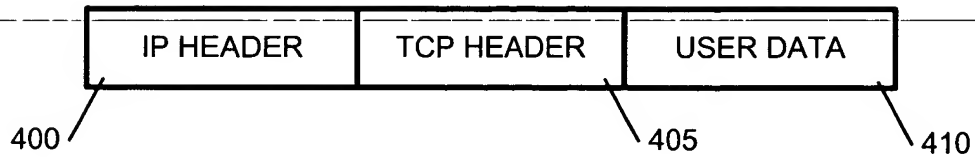


FIG. 4

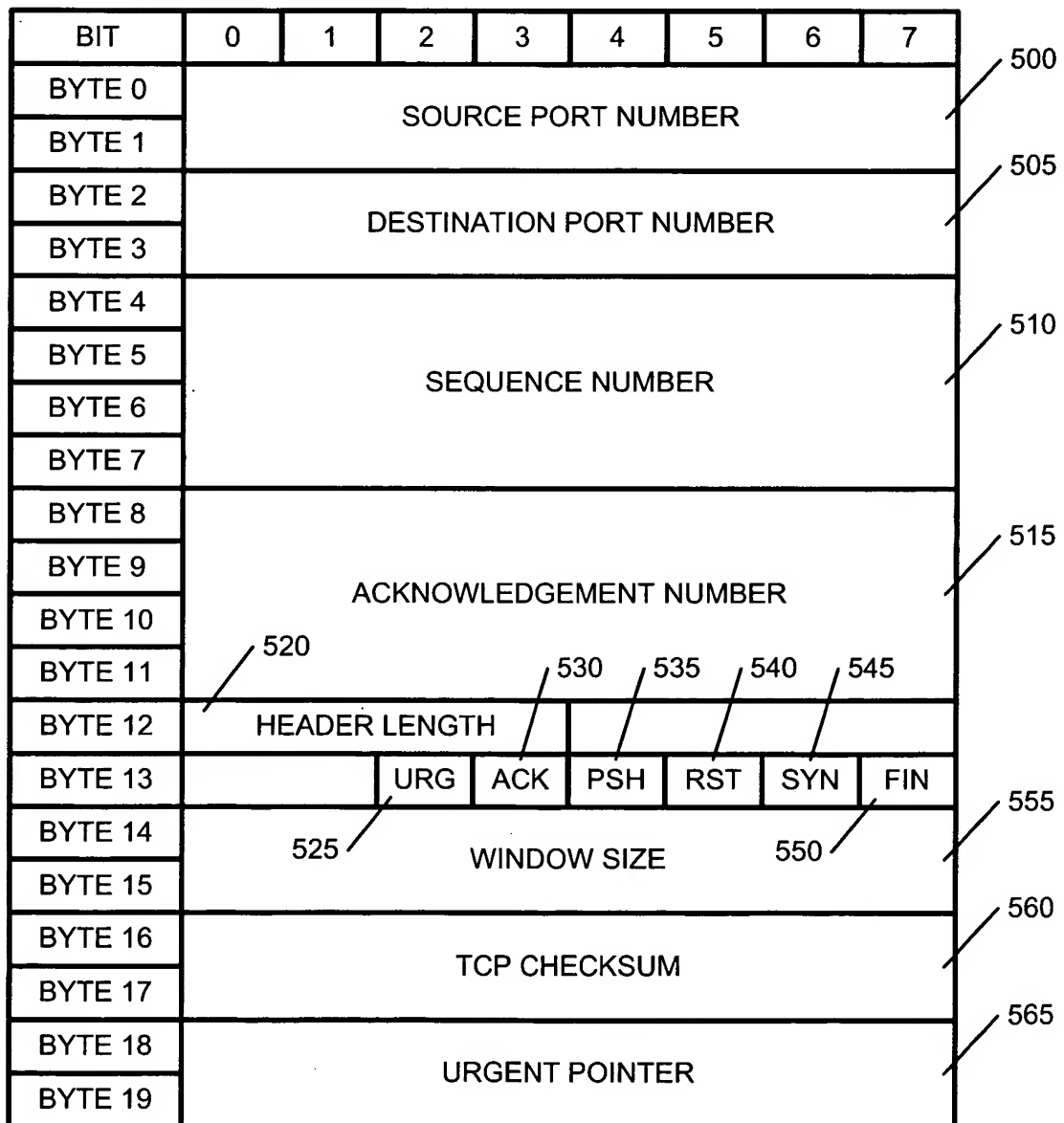


FIG. 5

```
<?XML VERSION="1.0"?>
<COMPANY NAME="INFORMATION STRATEGIES">
  <EMPLOYEES>
    <EMPLOYEE ID="1">HANK AARON</EMPLOYEE>
    <EMPLOYEE ID="2">BABE RUTH</EMPLOYEE>
  </EMPLOYEES>
</COMPANY>
```

FIG. 6

```
<EMPLOYEE ID="3">MICKEY MANTLE</EMPLOYEE>
<EMPLOYEE ID="4">TY COBB</EMPLOYEE>
```

FIG. 7

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER>
    <TCP_CONNECTION>
      <SYN_SENT>SEQUENCE#</SYN_SENT>
      <SYN_RECEIVED>SEQUENCE#</SYN_RECEIVED>
      <ACK_RECEIVED>ACK#</ACK_RECEIVED>
      <ACK_SENT>ACK#</ACK_SENT>
    </TCP_CONNECTION>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 8

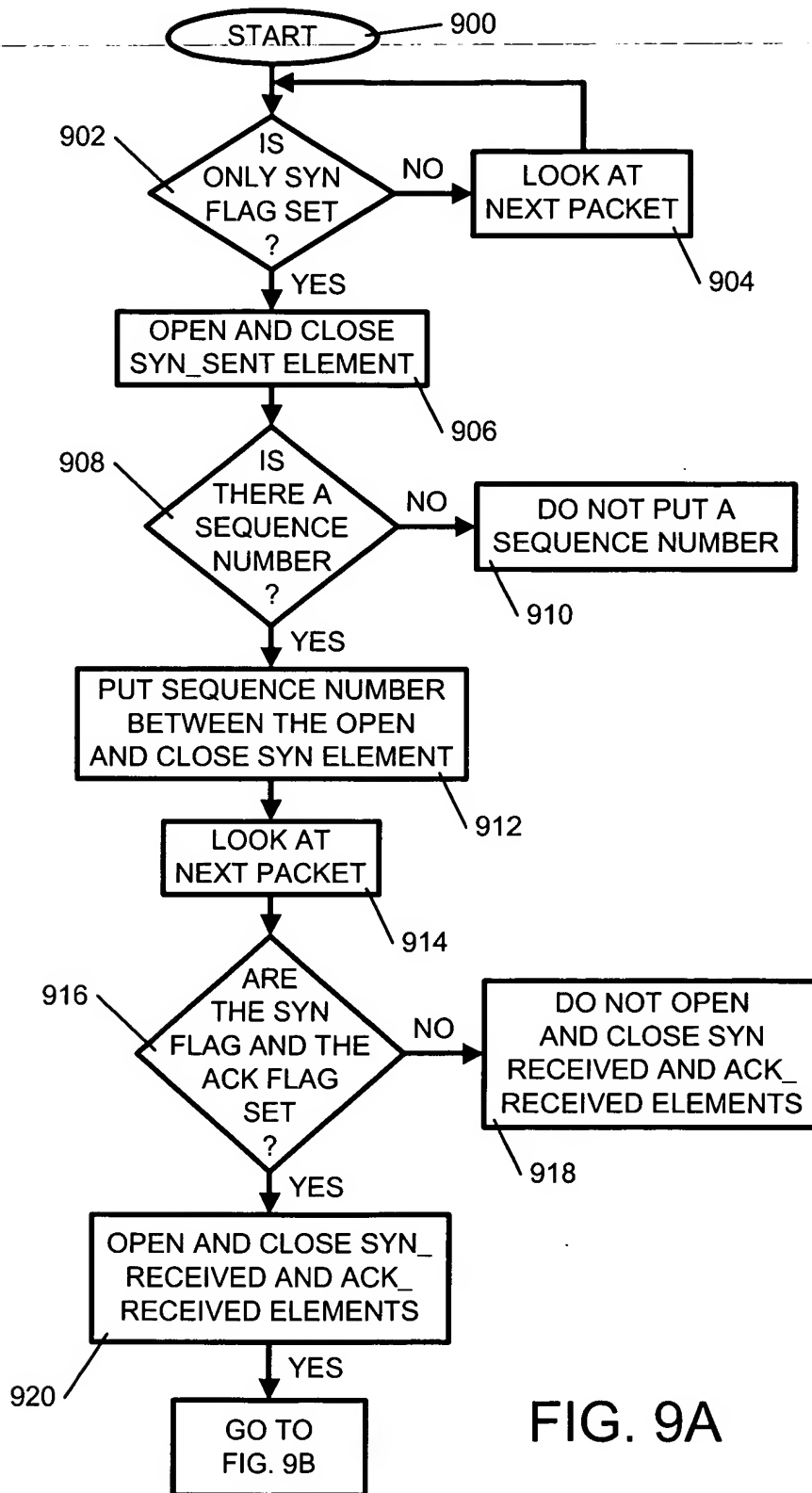


FIG. 9A

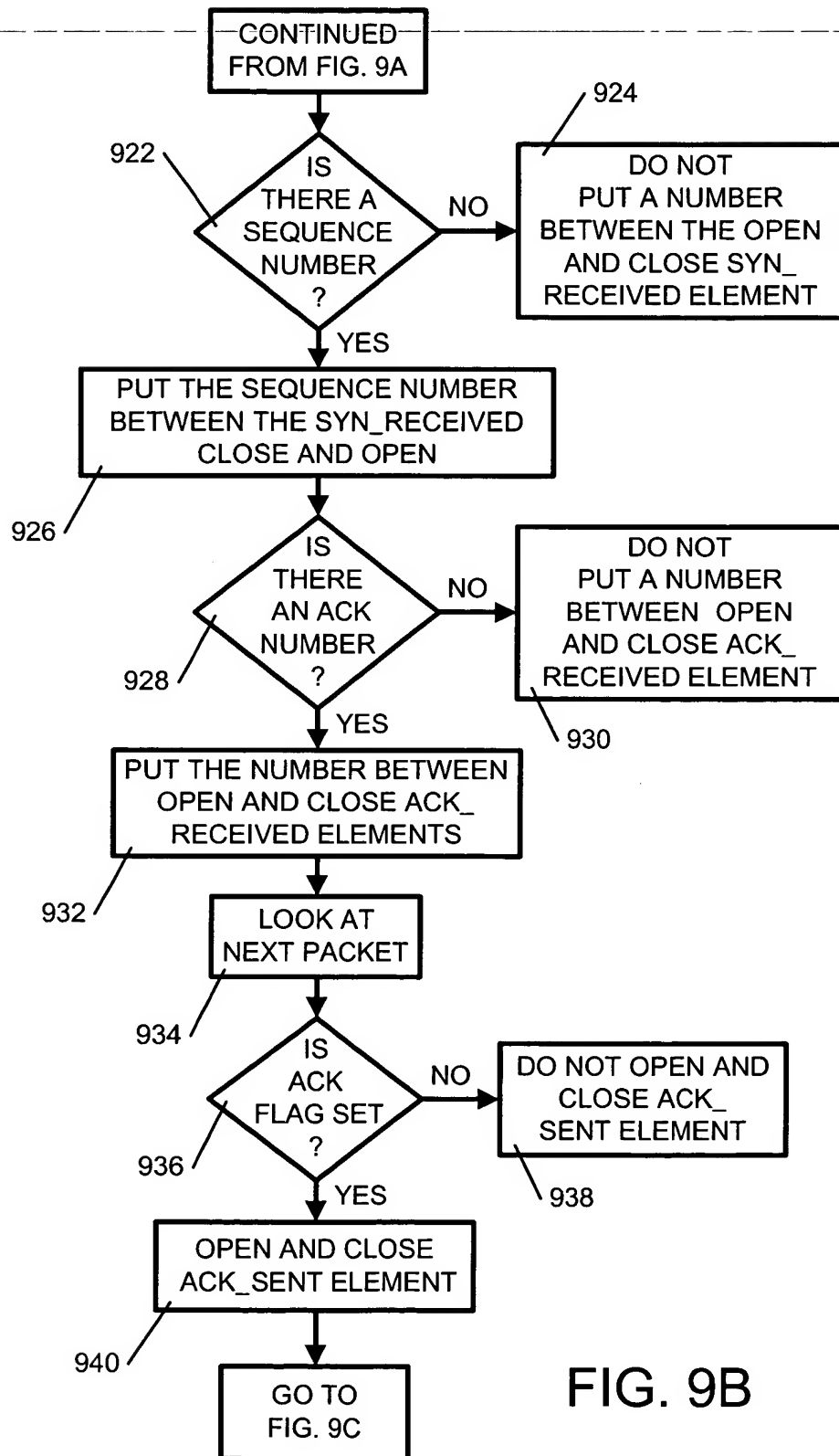


FIG. 9B

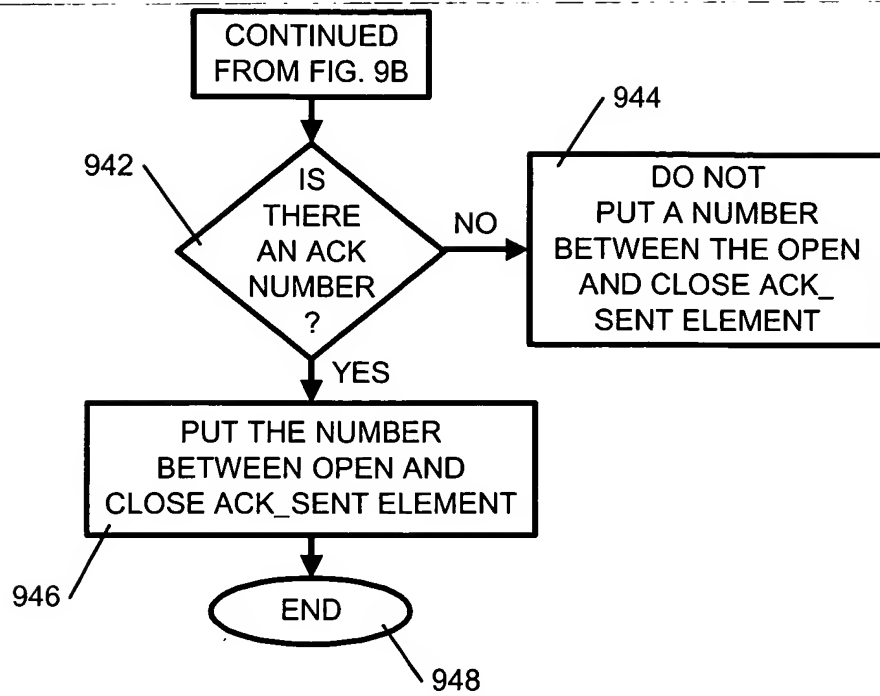


FIG. 9C



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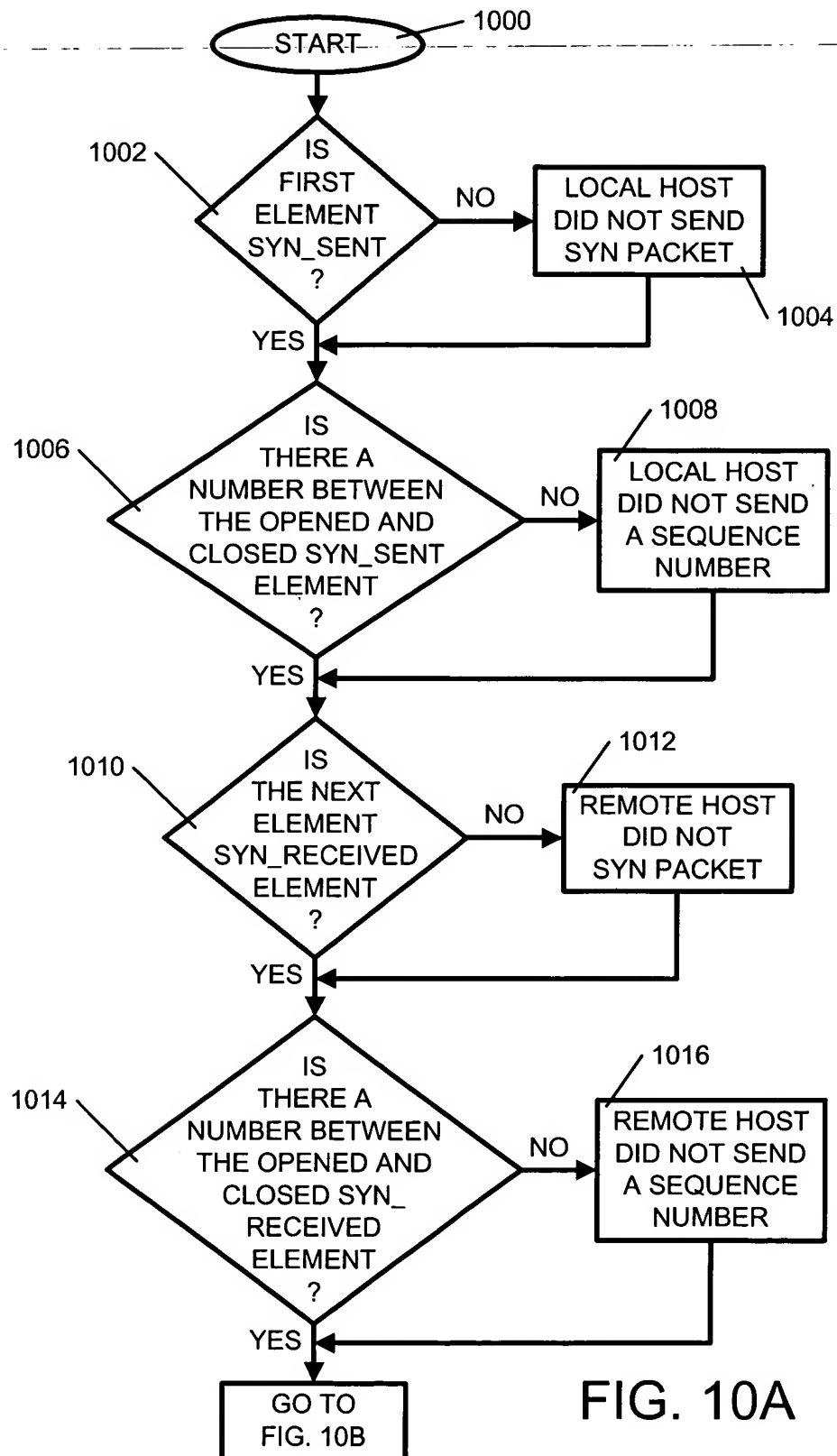


FIG. 10A

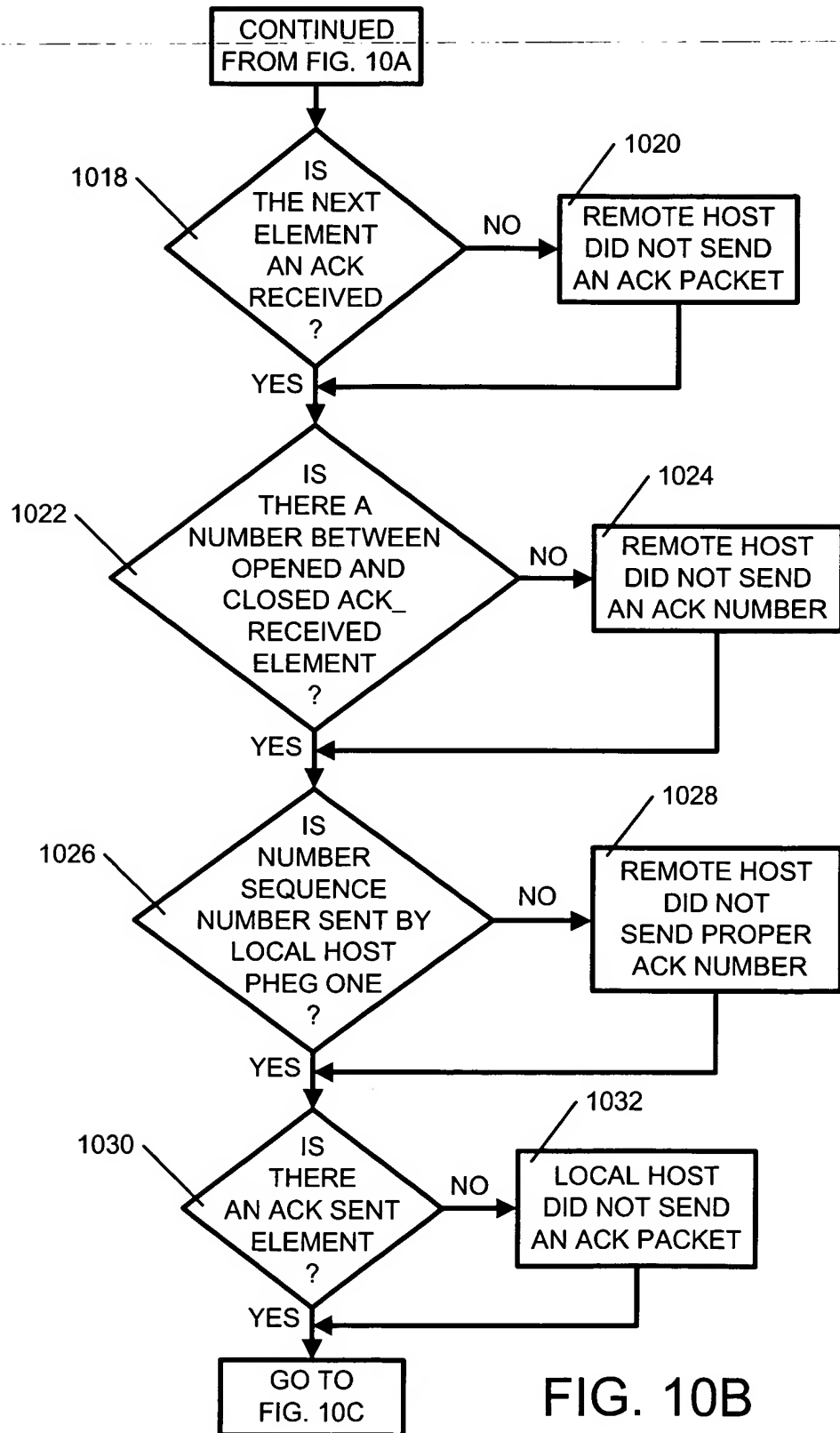


FIG. 10B

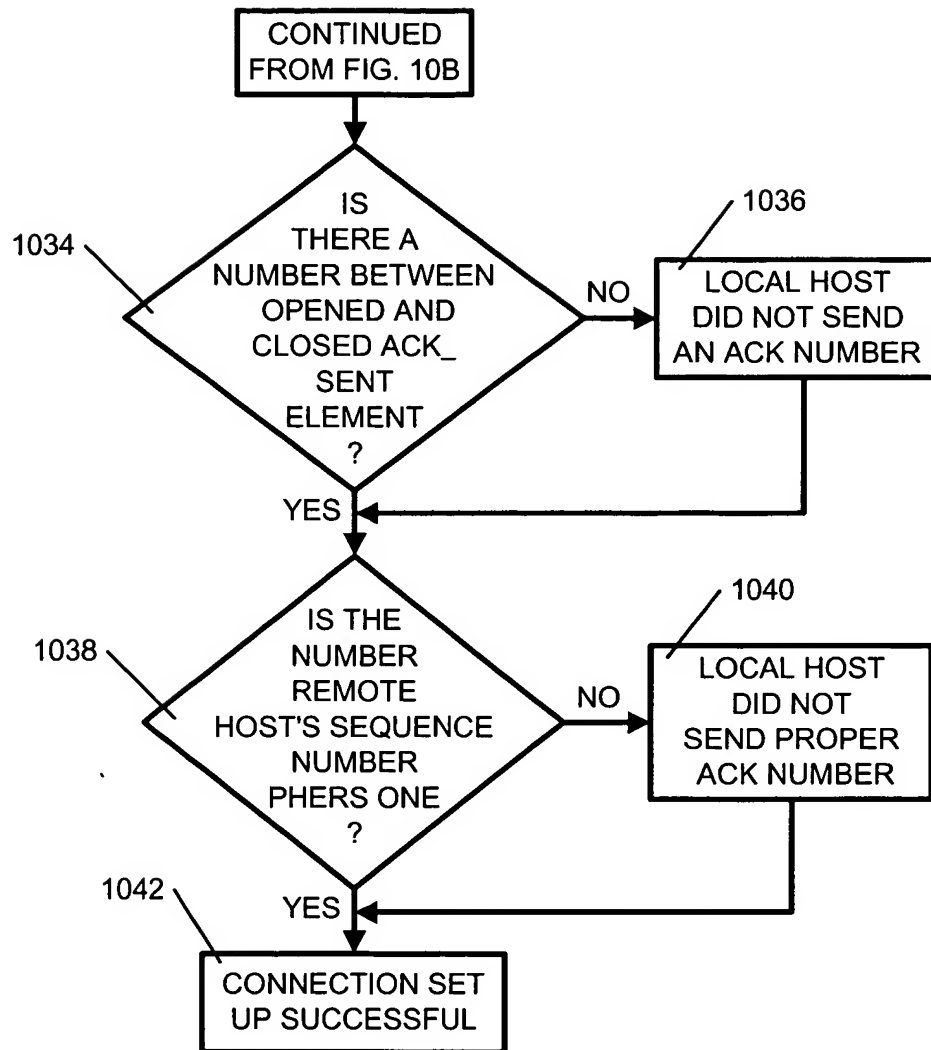


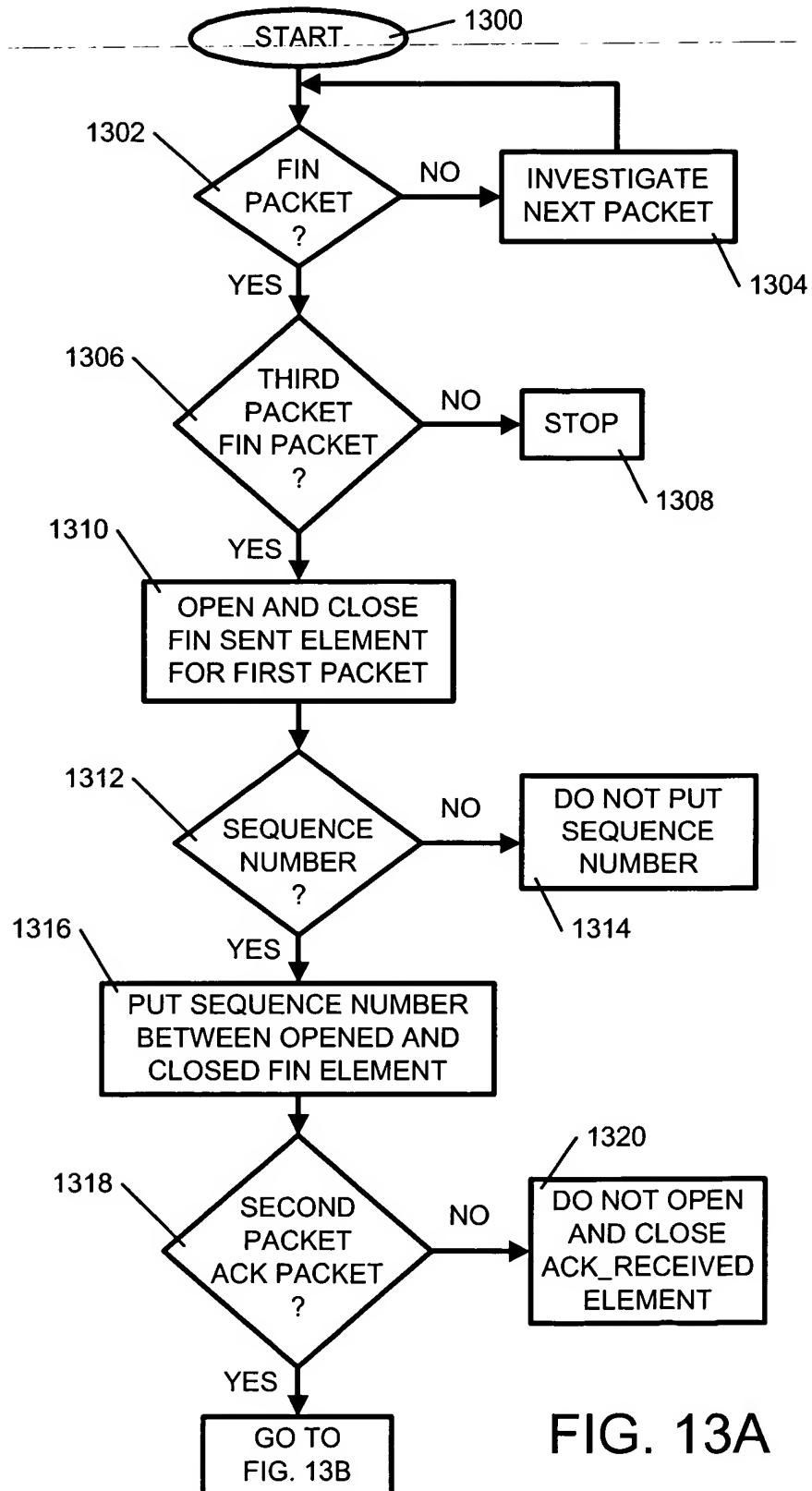
FIG. 10C

```
<?XML VERSION="1.0"?>
<XS:SCHEMA XMLNS:XS="HTTP://WWW.W3.ORG/2001/XMLSCHEMA">
  <XS:ELEMENT NAME="IP_HEADER">
    <XS:COMPLEXTYPE>
      <XS:SEQUENCE>
        <XS:ELEMENT NAME="TCP_HEADER">
          <XS:COMPLEXTYPE>
            <XS:SEQUENCE>
              <XS:ELEMENT NAME="TCP_CONNECTION">
                <XS:COMPLEXTYPE>
                  <XS:SEQUENCE>
                    <XS:ELEMENT REF="SYN_SENT" MINOCCURS="0" MAXOCCURS="1"/>
                    <XS:ELEMENT REF="SYN_RECEIVED" MINOCCURS="0"
                      MAXOCCURS="1"/>
                    <XS:ELEMENT REF="ACK_RECEIVED" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="ACK_SENT" MINOCCURS="0" MAXOCCURS=
                      "UNBOUNDED"/>
                  </XS:SEQUENCE>
                </XS:COMPLEXTYPE>
              </XS:ELEMENT>
            </XS:SEQUENCE>
          </XS:COMPLEXTYPE>
        </XS:ELEMENT>
      </XS:SEQUENCE>
    </XS:COMPLEXTYPE>
  </XS:ELEMENT>
</XS:SCHEMA>
```

FIG. 11

<?XML VERSION="1.0"?>  
 <IP\_HEADER>  
 <TCP\_HEADER>  
 <TCP\_CLOSE-CONNECTION  
 <FIN\_SENT>SEQUENCE#</FIN\_SENT>  
 <ACK\_RECEIVED>ACK#</ACK\_RECEIVED>  
 <FIN\_RECEIVED>SEQUENCE#</FIN\_RECEIVED>  
 <ACK\_SENT>ACK#</ACK\_SENT>  
 </TCP\_CLOSE-CONNECTION>  
 </TCP\_HEADER>  
 </IP\_HEADER>

FIG. 12



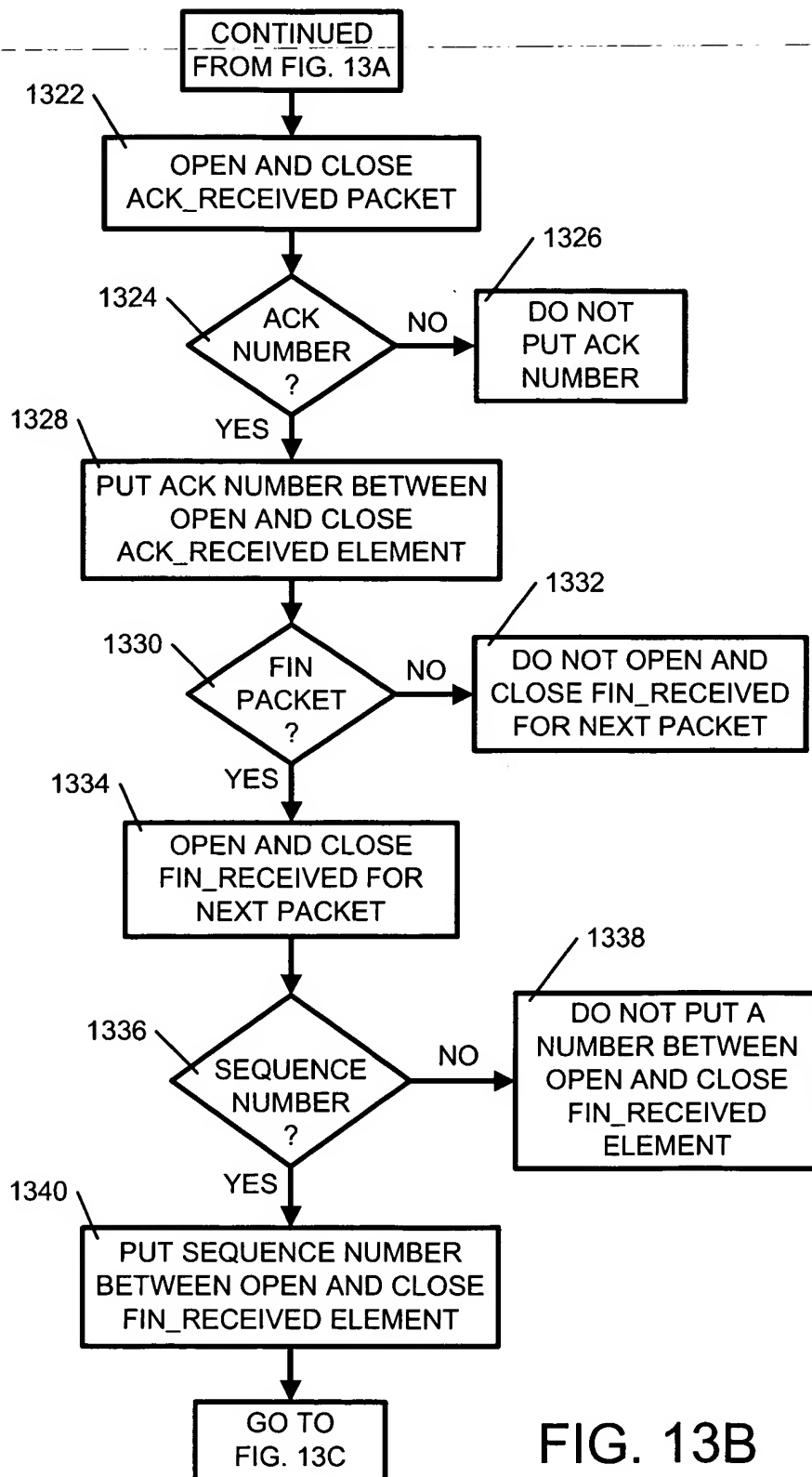


FIG. 13B

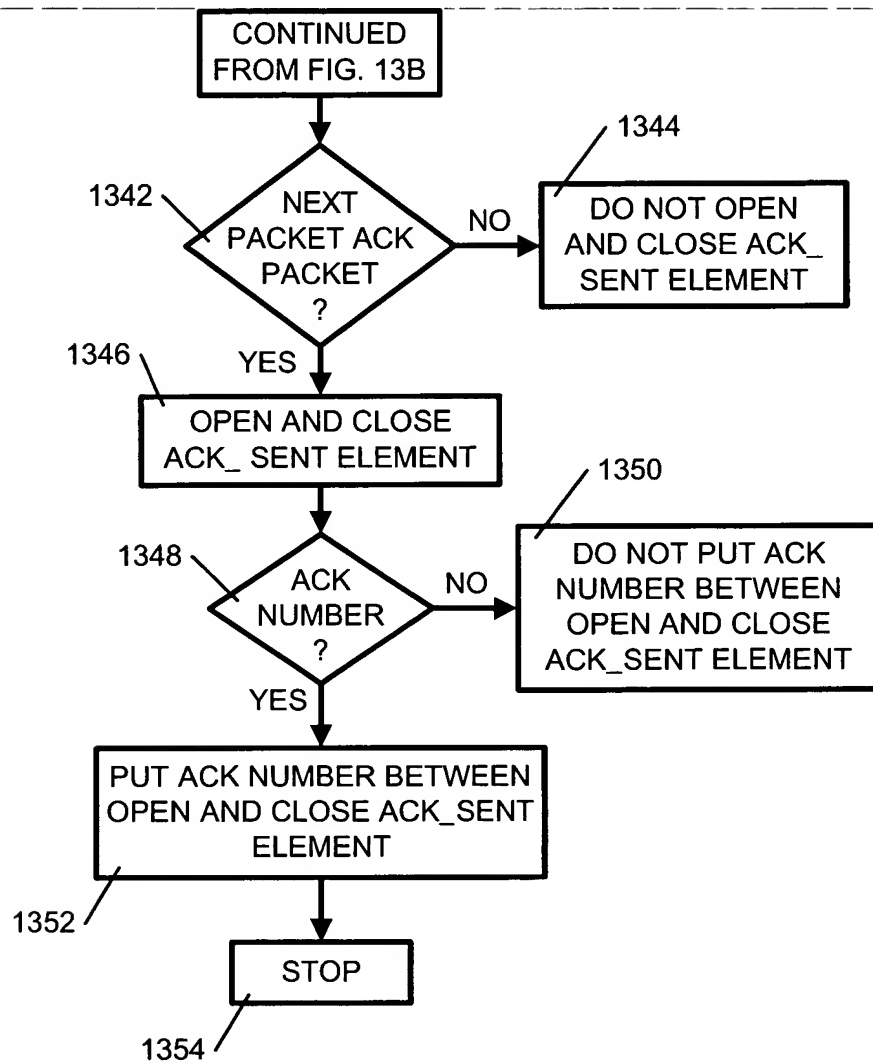


FIG. 13C



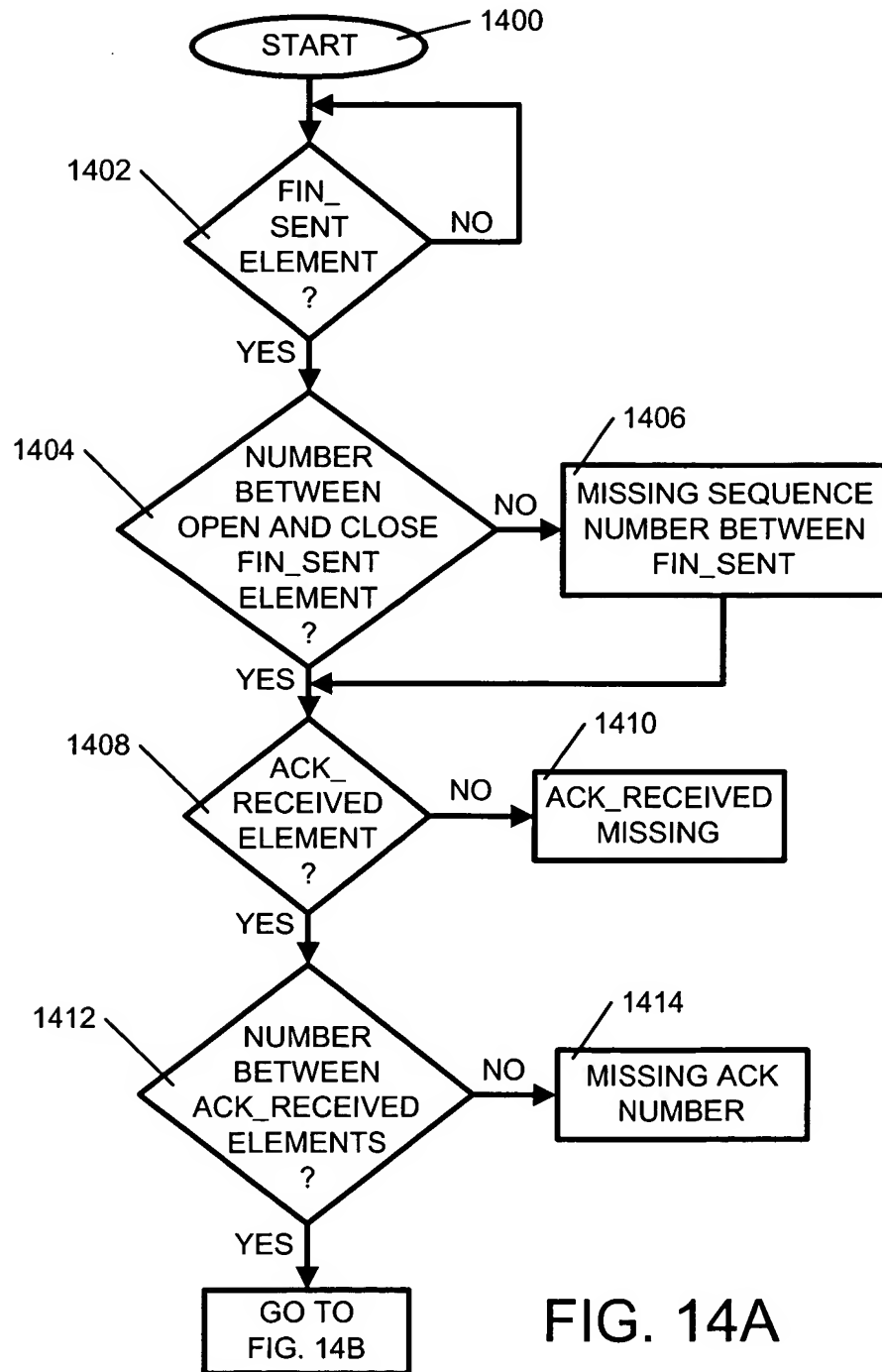
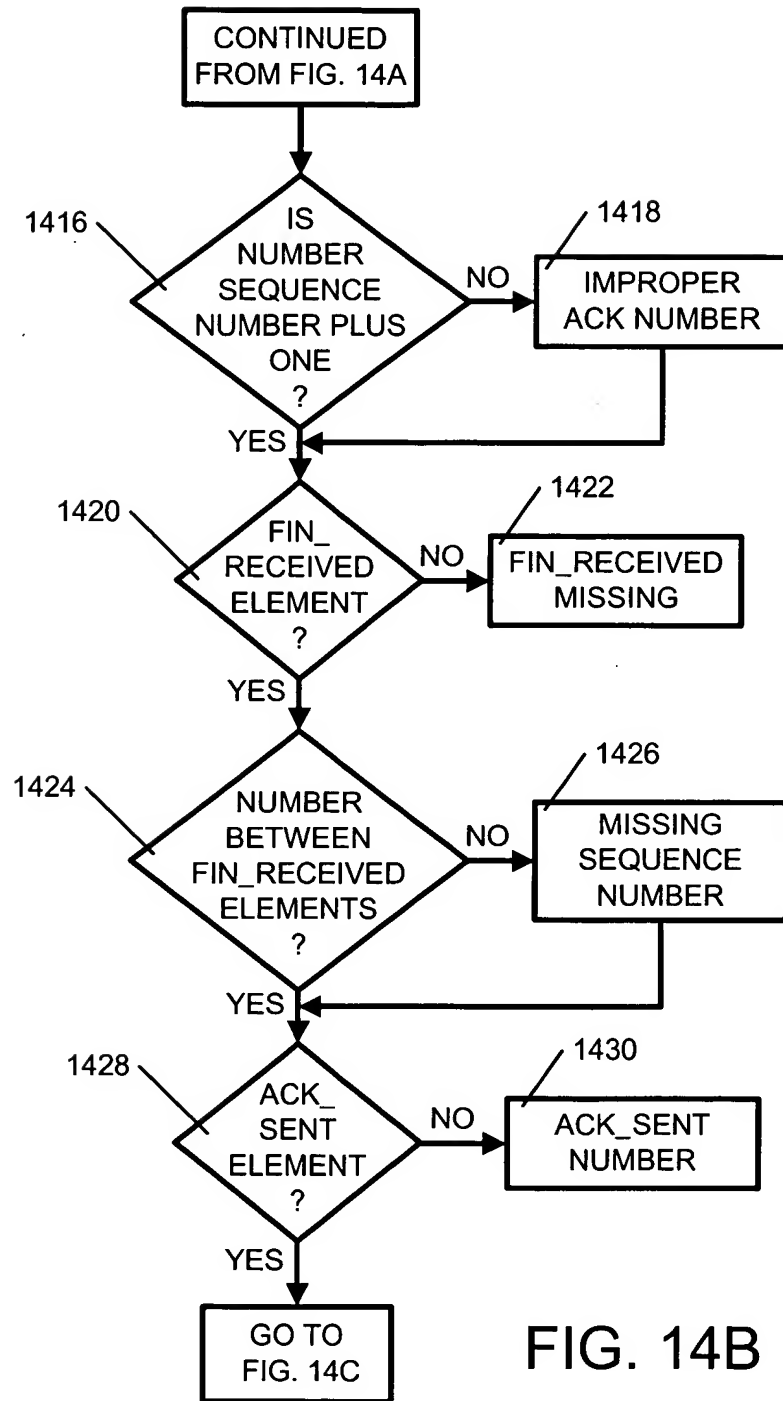


FIG. 14A



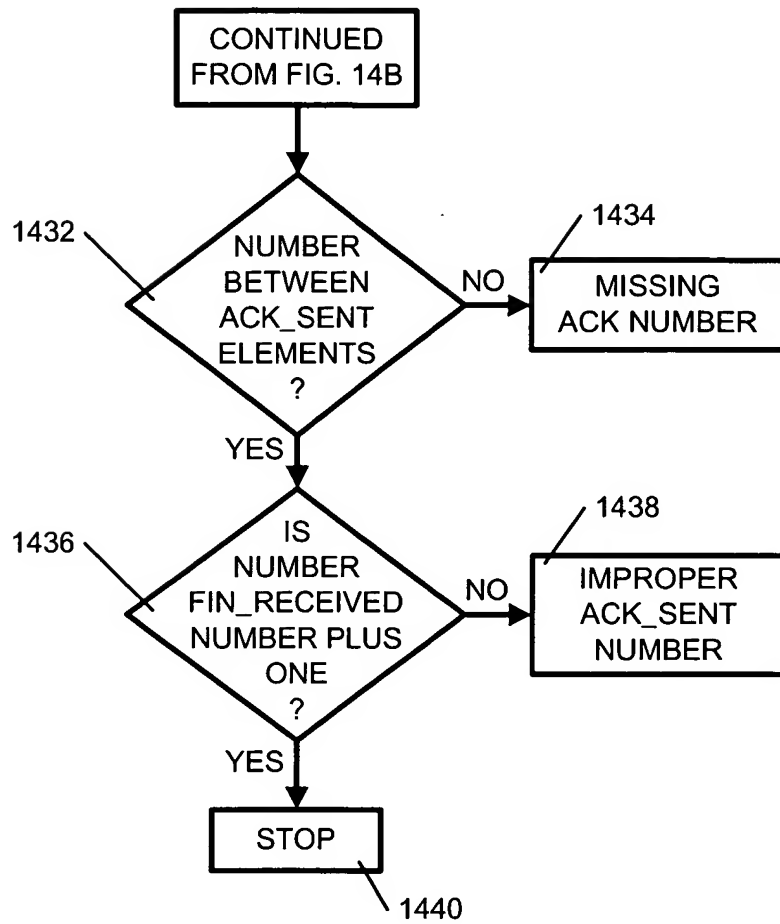


FIG. 14C

```
<?XML VERSION="1.0"?>
<XS:SCHEMA XMLNS:XS="HTTP://WWW.W3.ORG/2001/XMLSCHEMA">
  <XS:ELEMENT NAME="IP_HEADER">
    <XS:COMPLEXTYPE>
      <XS:SEQUENCE>
        <XS:ELEMENT NAME="TCP_HEADER">
          <XS:COMPLEXTYPE>
            <XS:SEQUENCE>
              <XS:ELEMENT NAME="TCP_CLOSE-CONNECTION">
                <XS:COMPLEXTYPE>
                  <XS:SEQUENCE>
                    <XS:ELEMENT REF="FIN_SENT" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="ACK_RECEIVED" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="FIN_RECEIVED" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="ACK_SENT" MINOCCURS="0" MAXOCCURS=
                      "UNBOUNDED"/>
                  </XS:SEQUENCE>
                </XS:COMPLEXTYPE>
              </XS:ELEMENT>
            </XS:SEQUENCE>
          </XS:COMPLEXTYPE>
        </XS:ELEMENT>
      </XS:SEQUENCE>
    </XS:COMPLEXTYPE>
  </XS:ELEMENT>
</XS:SCHEMA>
```

FIG. 15

---

```
GIL.1023>DEVO.LOGIN:S 768512(0) WIN 4096 <MSS 1024>
DEVO.LOGIN>GIL.1023:S 947648:947648(0) ACK 768513 WIN 4096 <MSS 1024>
GIL.1023>DEVO.LOGIN: .ACK 1 WIN 4096
```

FIG. 16

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER APP="RLOGIN" SPORT="1023" SHOST="GIL" RPORT="LOGIN"
    RHOST="DEVO">
    <TCP_CONNECTION>
      <SYN_SENT WIN="4096" MSS="1024">768512:768512(0) </SYN_SENT>
      <SYN_RECEIVED WIN="4096" MSS="1024">947648:947648(0)
      </SYN_RECEIVED>
      <ACK_RECEIVED WIN="4096" MSS="1024">768513
      </ACK_RECEIVED>
      <ACK_SENT WIN="4096 RELATIVESEQ="YES">1
      </ACK_SENT>
    </TCP_CONNECTION>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 17

```
<CONNECTION_ESTABLISH>
  <PARAMETER_NEGOTIATION>
  <DATA_EXCHANGE>
  ...
  <WINDUP_OPERATIONS>
<CONNECTION_CLOSE>
```

FIG. 18

<?XML VERSION="1.0"?>  
<IP\_HEADER>  
  <TCP\_HEADER >  
    <SYN\_RECEIVED>SEQUENCE# </SYN\_RECEIVED>  
    <SYN\_SENT>SEQUENCE#</SYN\_SENT>  
    <ACK\_RECEIVED>ACK#</ACK RECEIVED>  
    <ACK\_\_SENT>ACK#</ACK\_SENT>  
  </TCP\_HEADER>  
</IP\_HEADER>

FIG. 19

<?XML VERSION="1.0"?>  
<IP\_HEADER>  
  <TCP\_HEADER >  
    <SYN\_RECEIVED>SEQUENCE# </SYN\_RECEIVED>  
    <ACK\_RECEIVED>ACK#</ACK RECEIVED>  
    <ACK\_\_SENT>ACK#</ACK\_SENT>  
  </TCP\_HEADER>  
</IP\_HEADER>

FIG. 20